

C. Acceptance

Test Type III stabilizer as follows:

Test	Method
Sieve analysis	AASHTO T 27
Percent wear	AASHTO T 96

D. Materials Warranty

General Provisions 101 through 150.

803.2.04 Type IV Stabilizer Sand**A. Requirements**

Make Type IV stabilizer sand from either natural sand, manufactured sand, or any combination of natural and manufactured sands.

1. If using manufactured sand, make the sand from Class A or B crushed stone, gravel, slag, or synthetic aggregate that meets Section 800 requirements.
2. Type IV stabilizer sand shall have a sand equivalent of at least 35 for material passing the No. 10 (2 mm) sieve and shall also meet these gradation requirements.

Sieve Size	% Passing by Weight
No. 10 (2 mm)	60-100
No. 60 (250 µm)	5-40
No. 200 (75 µm)	0-20

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

Test Type IV stabilizer as follows:

Test	Method
Sieve analysis	AASHTO T 27
Sand equivalent	GDT 63

D. Materials Warranty

General Provisions 101 through 150.

Section 804—Abrasives for Blast Cleaning

804.1 General Description

This section includes the requirements for abrasives used in blast cleaning.

804.1.01 Related References**A. Standard Specifications**

General Provisions 101 through 150.

B. Referenced Documents

TCLP-EPA SWD 846-1311

AASHTO T 27 Aggregate Gradation

QPL 68

804.2 Materials

804.2.01 Abrasives

A. Requirements

1. Types

- Make the abrasives of low dusting mineral with a minimum of 10 percent by weight G-80 steel grit added, and blended homogeneously throughout the abrasive.
- Use a mineral abrasive listed on QPL 68.
- If you propose to use an alternative abrasive mixture, submit it to the Office of Materials and Research for approval before use.

2. Detrimental Substances

Use abrasives that contain less than 100 ppm of any corrosive compound such as sulfate, chloride, or any EPA characteristic compound such as lead, chromium, or arsenic that can be detected by the EPA Toxicity Characteristic Leaching Procedure (TCLP).

3. Grades

Ensure that the mineral abrasive used to blend with steel grit meets the grade for the sizes in the following table (Size A fits coal and copper slag; Size B fits staurolite abrasive)

Fractional Percent by Weight Retained on Each Sieve, by Sieve Size								
Size	No. 16 (1.18 mm)	No. 20 (850 µm)	No. 30 (600 µm)	No. 40 (425 µm)	No. 50 (300 µm)	No. 60 (250 µm)	No. 100 (150 µm)	PAN
A	0-10	5-35	25-50	20-45	5-35	0-10		0-10
B	0-2	0-2	0-2	0-5	5-25	5-25	30-60	0-20

4. Packaging

- Furnish abrasives for blasting in moisture-proof and mildew-resistant bags.
- Plainly show the size designation, requisition number, and purchase order number on the bags or on tags firmly affixed to each bag.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

The Department will take representative samples of the material sent to the Department, and test as follows:

Test	Method
Aggregate gradation	AASHTO T 27
Toxicity Characteristic Leaching Procedure (TCLP)	TCLP-EPA SWD 846-1311

D. Materials Warranty

General Provisions 101 through 150.

Section 805—Rip Rap and Curbing Stone

805.1 General Description

This section includes the requirements for rip rap and curbing stone. Construction and material will be covered under the Special Provisions.